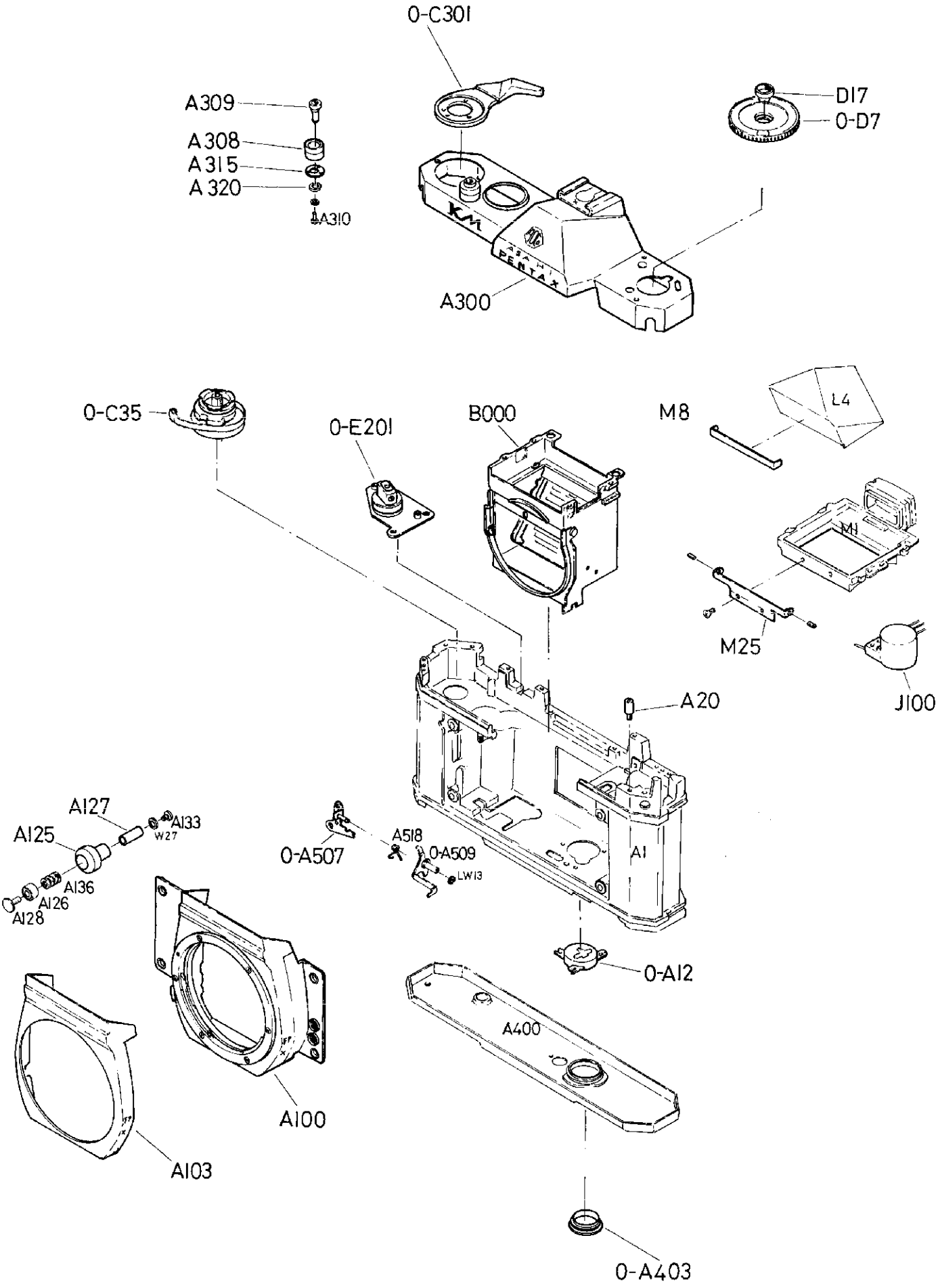
PRODUCT No. 23701

ASAHI PENTAX KM

EXPLODED ILLUSTRATION

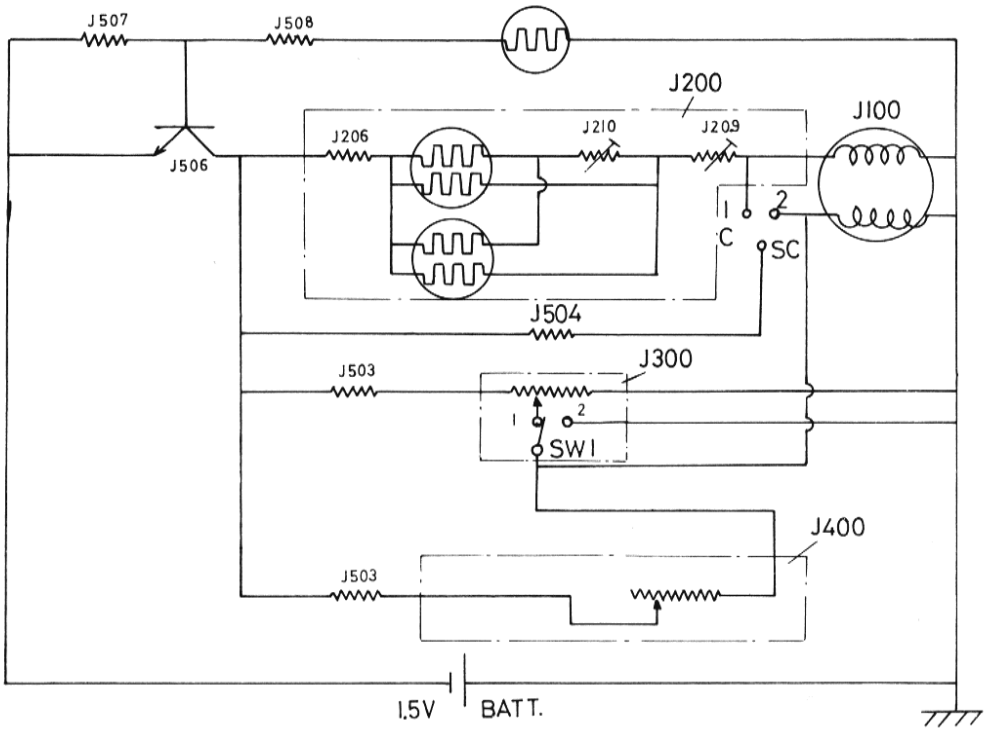


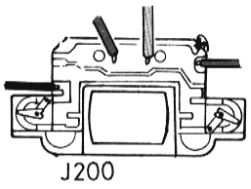
Product No. 23701

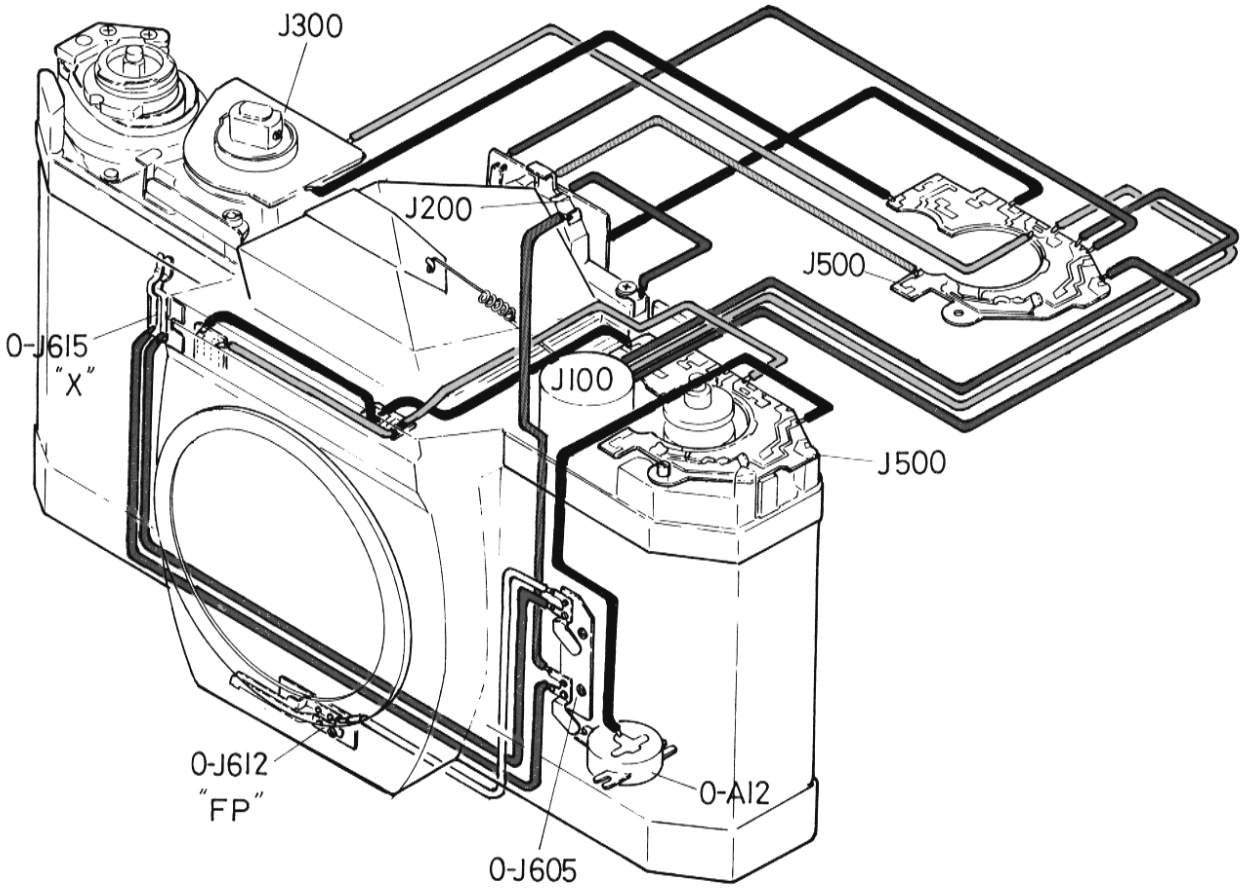
ASAHI PENTAX KM

Fig. 1

DISTRIBUTING WIRES







Product No. 23701

ASAHI PENTAX KM

Fig. 2

LIST OF SERVICE PARTS

Product No. 23701
ASAHI PENTAX KM

Note: 1. The parts with numbers starting '0-' are assemblies.

2. Only available parts are listed below.

Parts No.	Description	Quantity	Interchangeability
A1	Body proper	1	23700-A1
A2	Hinge A	1	23700-A2
A3	Hinge collar	2	23700-A3
A4	Hinge retainer plate	1	23700-A4
A5	Hinge release plate	1	23110-A12
A6	Hinge retainer spring	1	23700-A8
0-A7	Cassette receptacle assembly (A7, A8, A9, A10, A11)	1	23700-0-A7
0-A12	Battery seat assembly (A12, A13, A14)	1	
A15	Tripod seat	1	23700-A15
A16	Light seal curtain	1	23700-A16
0-A17	Strap hook assembly (A17, A18)	1	23700-0-A17
A19	Strap hook retainer screw	1	23700-A19
A20	Top cover install shaft	1	
A21	P.C. board install shaft	1	23110-A154
A22	Mirror housing retainer screw A	2	23700-A22
A23	" B	1	23700-A23
A24	Shutter curtain restriction plate	1	23700-A24

Parts No.	Description	Quantity	Interchangeability
A25	Light seal string A	1	23700-A25
A26	" B	1	23700-A26
A27	" C	1	23700-A27
A28	Light seal cloth	1	23700-A28
A29	Body covering, left	1	23700-A29
A30	" , right	1	23700-A30
A43	Lug plate	1	23110-A167
A44	Light seal string	1	23110-B165
A100	Front board complete assembly (A101~A164 & J400)	1	
A101	Front board	1	23700-A101
A103	Front cover plate	1	
A104	Mount	1	23700-A104
A105	Mount spring	1	23700-A105
A106	Mount retainer screw	6	23700-A106
A108	Mount lock spring	1	23700-A108
0-A110	" button assembly (A110, A107, A111)	1	23700-0-A110
A113	Lock pin	1	23700-A113
A114	Front board adjusting nut	4	23700-A114
A115	"	1	23700-A115
A116	Front board adjusting collar	4	23700-A116

Parts No.	Description	Quantity	Interchangeability
A117	Front board adjusting collar	1	23700-A117
A120	Front board light seal string	1	23700-A120
A125	Stop-down button seat	1	
A126	Stop-down button	1	23700-A126
A127	Stop-down button shaft	1	
A128	" screw	1	23700-A128
A133	Stop-down actuator plate retainer screw	1	23700-A133
A136	" button spring	1	23700-A136
A140	Joint	1	23700-A140
0-A141	Release ring assembly (A141, A152)	1	23700-0-A141
A142	Front board install ring	1	23700-A142
0-A143	Self-timer shaft supporter ring assembly (A143, A151)	1	23700-0-A143
A144	Supporter plate	1	23700-A144
A145	Friction spring	1	23700-A145
0-A146	Charge lever assembly (A146, A149, A154, A155)	1	23700-0-A146
A147	Click spring	1	23700-A147
A148	Charge lever shaft	1	23700-A148
A150	" retainer screw	1	23700-A150
A156	f -volume retainer plate screw	2	23700-A156
A157	Relay P.C. board	1	23700-A157
A159	Adhesive tape	1	23700-A159

Parts No.	Description	Quantity	Interchangeability
A162	Front board light seal string	2	23700-A162
A163	Light seal string D	1	23700-A163
A164	" E	1	23700-A164
A200	Back cover assembly (A201, A202, A203, A204, A205, A206, A207, A208 x2, A209, A210 x4, A211, A212, A213 x2, A217, A218, A219, A220, A221, A222 x4)	1	23110-0-A2
0-A204	Pressure plate assembly (A204, A205, A206 x2)	1	23110-0-A15
A220	Pressure plate cover	1	23700-A220
A300	Top cover assembly (A301～A332)	1	
A302	Accessary shoe	1	23700-A302
A303	Accessary shoe spring	1	23700-A303
0-A304	Accessary shoe seat assembly (A304, A305)	1	23700-0-A304
0-A306	Contact spring (A306, J608)	1	23700-0-A306
A307	Indication plate	1	23700-A307
A308	Shutter button seat	1	
A309	Shutter button	1	
A310	Shutter button core	1	23110-A31
A315	Button seat install plate	1	

Parts No.	Description	Quantity	Interchangeability
A320	Shutter button retainer spring	1	
A321	Cover ring	1	23110-A37
A322	Cocked indicator window	1	23700-A322
A323	Insulation collar	1	23700-A323
A324	Light seal curtain	1	23700-A324
A325	Shoe contact spring retainer screw	1	23700-A325
0-A326	Switch spring assembly (A326, J609)	1	23700-0-A326
A327	Insulation washer	1	23700-A327
A328	SW pin	2	23700-A328
A332	Eyepiece light seal curtain	1	23700-A332
A400	Bottom cover assembly (A401, A402)	1	23700-A400
A403	Battery cap	1	
A405	Scratch prevention case	1	23700-A405
A501	Shutter rod	1	23700-A501
A502	Release plate	1	23110-E4
A504	Release plate nut	1	23700-A504
A505	Shutter rod spring	1	23700-A505
A506	Shutter rod spring guide collar	1	23700-A506

Parts No.	Description	Quantity	Interchangeability
0-A507	Diaphragm actuator lever seat plate assembly (A507, A510)	1	
0-A509	Stop-down actuator lever assembly (A509, A511)	1	23700-0-A509
0-A516	Shutter actuator plate assembly (A516, A515)	1	23700-0-A516
A517	Eccentric collar	1	23700-A517
A518	Stop-down actuator lever spring	1	23700-A518
B000	Mirror housing complete assembly (B1∼B69)	1	
0-B1	Mirror housing assembly (B1∼B6)	1	23700-0-B1
0-B7	Mirror seat assembly (B7, B8 x4, B9, B10 x2, B11, B12, B13, B14, B15, B16 x2, B17, B18 x2, LW10)	1	23700-0-B7
0-B19	Hook lever assembly (B19, B20)	1	23700-0-B19
0-B21	Diaphragm lever assembly (B21, B22, B66)	1	23700-0-B21
0-B23	Mirror actuator lever top assembly (B23, B24 x2, B25, B26, B27 x2, B29, B33, B68)	1	23700-0-B23
B31	Roller A (B32, B33)	2	23700-0-B32
B34	Mirror actuator plate	1	23700-B34
0-B36	Stopping lever assembly (B36, B37)	1	23700-0-B36

Parts No.	Description	Quantity	Interchangeability
0-B38	Curtain actuator lever assembly (B38, B40)	1	23700-0-B38
0-B39	Connecting lever assembly (B39, B30)	1	23700-0-B39
B43	Mirror-up lever collar	1	23700-B43
0-B44	FP lever assembly (B44, B45, B46)	1	23700-0-B44
B49	Focus adjusting screw	3	23700-B49
B50	Mirror shock absorber	2	23700-B50
B52	Mirror seat roller	1	23700-B52
B53	Mirror actuator lever stopper	1	23700-B53
B54	Hook plate spring hanger screw	1	23700-B54
B55	Mirror seat spring	1	23700-B55
B56	Diaphragm spring	1	23700-B56
B58	Hook plate spring	1	23700-B58
B59	Light seal frame	1	23700-B59
B60	Dust prevention spring A	1	23700-B60
B61	" B	1	23700-B61
B62	" C	1	23700-B62
B63	Ground glass frame B	1	23700-B63
B64	Light seal curtain	1	23700-B64
B65	Dust prevention string D	1	23700-B65
B67	Light seal plate	1	23700-B67

Parts No.	Description	Quantity	Interchangeability
0-C1	Top mec. plate assembly (C1∼C17)	1	23700-0-C1
C18	Top mec. plate retainer screw	4	23700-C18
C19	Non-return arm	1	23700-C19
C20	Non-return arm spring	1	23700-C20
0-C22	Wind-up shaft assembly (C22∼C29)	1	23700-0-C22
C30	Spool spring	1	23700-C30
C31	Top take-up spool brim	1	23700-C31
C32	Bottom take-up spool brim	1	23700-C32
0-C33	Lever stopper assembly (C33, C34)	1	23110-0-C4
0-C35	Rapid wind lever seat assembly (C35∼C41)	1	
0-C42	Top 1st gear assembly (C42, C43)	1	23700-0-C42
0-C44	Top 2nd gear assembly (C44, C45)	1	23700-0-C44
0-C46	Rapid wind lever shaft assembly (C46∼C50)	1	23700-0-C46
C51	Rapid wind lever shaft retainer screw	1	23700-C51
0-C52	Counter dial coupler lever assembly (C52, C53, C54)	1	23700-0-C52

Parts No.	Description	Quantity	Interchangeability
C55	Counter dial coupler lever collar	1	23700-C55
0-C56 (A~C)	" ratchet assembly (C56, C57)	1	23700-0-C56 (A~C)
C58	Counter dial ratchet spring	1	23700-C58
0-C59	" actuator lever assembly (C59, C60)	1	23700-0-C59
C61	Counter dial actuator lever collar	1	23700-C61
C62	" spring	1	23700-C62
0-C201	Bottom mec. plate assembly (C201, C202, C203, C204, C205, C208, C210)	1	23700-0-C201
C206	Bottom main gear	1	23700-C206
C207	Idling gear	2	23700-C207
C209	Idling gear retainer screw	1	23700-C209
C211	Sprocket shaft	1	23700-C211
C212	Clutch ring	1	23700-C212
C213	Clutch ring retainer screw	1	23700-C213
C214	" collar	1	23700-C214
C215	Sprocket retainer	1	23700-C215
C216	Sprocket	1	23700-C216
C217	Sprocket collar	1	23700-C217
C218	" spring	1	23700-C218
0-C219	Coupler lever assembly (C219, C220)	1	23700-0-C219

Parts No.	Description	Quantity	Interchangeability
C221	Mirror restitution spring	1	23700-C221
C222	Coupler lever washer	1	23700-C222
C223	" retainer screw	1	23700-C223
0-C224 (A∿E)	" pin adjust seat assembly (C224, C225)	1	23700-0-C224 (A∼E)
C226	Coupler pin collar	1	23700-C226
C227	Pin rest retainer plate	1	23700-C227
C228	Rewind actuator lever	1	23700-C228
C229	R. button	1	23700-C229
C230	Rewind actuator lever spring	1	23700-C230
0-C301	Wind lever assembly (C301, C302, C304, C305, CSM1.4x3.5)	1	
C302	Wind lever cover	1	23700-C302
C306	" install spring	1	23110-C6
C309	Counter dial housing	1	23700-C309
C310	Wind lever shaft nut	1	23700-C310
C311	Counter dial retainer screw	1	23700-C311
0-C312	" covering assembly (C312, C313, Set T1.4x1.8 x3)	1	23700-0-C312
0-C314	Counter dial assembly (C314, C315)	1	23700-0-C314
C316	Wind lever retainer screw	1	23110-C36

Parts No.	Description	Quantity	Interchangeability
0-D1	Rewind knob assembly (D1~D6)	1	23700-0-D1
0-D7	Film indicator assembly (D7, D27, D28, D29, D30, D31, D32, D33, D34)	1	
0-D10	Shaft receptacle assembly (D10, D16)	1	23110-0-D9
D11	Rewind shaft collar	1	23110-D19
D12	" light seal plate	1	23110-D12
D13	Rewind shaft	1	23110-D10
D17	Flat nut	1	
E1	Curtain shaft seat	1	23700-E1
E2	Worm	2	23700-E2
E3	Worm wheel	2	23700-E3
0-E5	1st curtain assembly (E5, E6 x2, E7, E8, E11, E12, E22 x2, E36, E37)	1	23700-0-E5
0-E9	1st curtain pinion shaft assembly (E9, E10)	1	23700-0-E9
E13	1st curtain shaft	2	23700-E13
E14	1st curtain roller	2	23700-E14

Parts No.	Description	Quantity	Interchangeability
E15	Pinion shaft retainer screw	3	23700-E15
0-E21	2nd curtain shaft assembly (E21, E7, E22 x2, E23, E25, E26, E27, E28, E29, E36, E37)	1	23700-0-E21
0-E24	2nd curtain pinion shaft assembly (E24, E10)	1	23700-0-E24
E28	2nd curtain roller	2	23700-E28
E31	E clip	2	23700-E31
E32	Curtain shaft roller A	3	23700-E32
E33	" B	2	23700-E33
E34	" C	1	23700-E34
E35	" D	1	23700-E35
E38 (A~B)	" E	1	23700-E38 (A~B)
0-E41	Bottom shaft rest assembly (E41, E42, E43)	1	23700-0-E41
E45	Coupler pinion	1	23700-E45
E46	Coupler pinion screw	1	23700-E46
0-E47	Coupler gear assembly (E47, E48)	1	23700-0-E47
E49	Coupler gear retainer screw	1	23700-E49

Parts No.	Description	Quantity	Interchangeability
0-E50	Pinion coupler lever assembly (E50, E51)	1	23700-0-E50
E52	Pinion coupler lever spring	1	23700-E52
E53	Coupler lever spring hanger	1	23700-E53
0-E201	Shutter seat assembly (E201, E202, E206, E207, E211, E212, E217, E240, E282, E284, E401, E402, E412, E413, E415, E416, E417, E418)	1	
0-E218 (A∼C)	High speed cam assembly (E218, E219)	1	23700-0-E218 (A∼C)
E220	Shutter pin collar	1	23700-E220
0-E221	High speed lever assembly (E221, E222, E224, E225, E226, E229, E230, Set F1.4x2.5)	1	23700-0-E221
E223	Bulb lever	1	23700-E223
E227	Bulb lever nut	1	23110-E103
E228	" spring	1	23700-E228
E232	Shutter dial retainer screw	1	23110-E91
0-E233	Speed dial knob assembly (E233, E231 x3, E237)	1	23110-0-E86
0-E234	Speed dial assembly (E234, E238)	1	23110-0-E44
0-E235	Exposure index dial assembly (E235, E236, E287)	1	23110-0-E28
E239	Exposure index selector disc	1	23110-E134

Parts No.	Description	Quantity	Interchangeability
E241	Spill	1	23700-E241
E242	Spill receptacle plate	1	23700-E242
E243	Top intermediate gear	1	23700-E243
0-E244	Bottom intermediate gear assembly (B244, B245)	1	23700-0-E244
0-E246	Intermediate gear retainer screw assembly (E246, E247)	1	23110-0-E92
E248	Spill spring	1	23700-E248
E249	Spill spring retainer screw	1	23700-E249
0-E250	Cocked indicator assembly (E250, E252)	1	23700-0-E250
E251	Cocked indicator spring	1	23700-E251
E253	" screw	1	23110-E97-01
0-E254	Top selector gear assembly (E254~E259)	1	23700-0-E254
0-E260	Speed selector retainer assembly (E260~E262)	1	23700-0-E260
E263	1st curtain checker arm	1	23700-E263
E264	" screw	1	23700-E264
E265	" spring	1	23700-E265
0-E266	Bottom selector gear assembly (E266~E271)	1	23700-0-E266
E272	Stopper	1	23700-E272
E273	Stopper retainer screw	1	23700-E273
E274	Stopper washer	3	23700-E274
E275	Tube retainer	1	23700-E275

Parts No.	Description	Quantity	Interchangeability
E276	Lubrication tube	1	23700-E276
E277	Bounce stopper adjust screw	1	23700-E277
E278	" plate	1	23700-E278
E279	" retainer screw	1	23700-E279
E280	" spring	1	23700-E280
E283	Shutter seat retainer screw	1	23110-E130
E285	Shutter dial knob spring	1	23110-E114
E286	Exposure index selector disc retainer screw	4	23110-E143
E288	Resistor turning ring	1	23110-E141
E405	Pallet release lever top A	1	23700-E405
0-E406	" B (E406, E417)	1	23700-0-E406
0-E408	Governor actuator rod assembly (E408, E403, E404, E411)	1	23700-0-E408
0-E409	Pallet release rod assembly (E409, E407)	1	23700-0-E409
E410	Pallet release lever collar	1	23700-E410
E413	" rod collar	1	23700-E413
E414	Governor actuator rod spring	1	23700-E414
G100	Slow governor	1	23700-G100
H100	Self timer	1	23700-H100

Parts No.	Description	Quantity	Interchangeability
J100	Galvanometer	1	
J200	CdS cell assembly	1	23110-J200
J300	ASA-volume resistor	1	23110-J300
J500	P.C. board	1	
0-J601	Synchro terminal assembly (J601∼J603)	2	23700-0-J601
J604	Synchro terminal nut	2	23700-J604
0-J605	Terminal contact seat assembly (J605, J606 x4, J607 x4)	1	23700-0-J605
0-J612	FP contact seat assembly (J612, J608, J609, J610, J611, J617 x3)	1	23110-0-J612
0-J615	X contact seat assembly (J615, J608, J609, J613, J614, J616, J617 x2, J618, J619 x2)	1	23700-0-J615
L1	Mirror	1	23700-L1
L2	Fresnel lens	1	23700-L2
L3	Ground glass	1	23700-L3
L4	Penta prism	1	23110-L4
0-L5	Eyepiece assembly (L5, L6)	1	23110-0-L5

Parts No.	Description	Quantity	Interchangeability
M1	Prism seat	1	23110-M1
M3	Ground glass frame	1	23110-M3
M4	Ground glass frame retainer	1	23110-M4
M5	" mask	1	23110-M5
M7	Prism retainer plate	1	23110-M6
M8	Prism side retainer plate	1	
M9	Prism retainer spring	1	23110-M9
M12	Dust prevention string B	1	23110-M12
M13	" C	1	23110-M13
M14	Prism protector	1	23110-M10
M15	Magnifier cushion	2	23110-M15
M16	Dust prevention tape	8	23700-M16
M18	Ground glass frame retainer screw	2	23700-M18
M19	Dust prevention string A	1	23700-M19
M25	Parallax adjusting plate	1	

LIST OF STANDARD PARTS

Product No. 23701

ASAHI PENTAX KM

Small screws:

Description	Surface treatment	Position of use	Quantity
FM1.2 x 1.2	Nickel	E248, C1	1
Set T1.4 x 1.8	Black nickel	C312, C309	3
Set T1.4 x 2.2	"	E1, E2	2
Set T1.7 x 2.5	"	E410, E409	2
Set T1.7 x 3.5	"	E234, E240	3
Set F1.4 x 2.5	"	M8, M10 E226, E402 E226, E222	1 1 1
Set F1.7 x 4.0	"	A1	1
CNS1.4 x 1.5	"	A142, A143 A31, A41	3 2
CNS1.4 x 1.8	"	J615, A507	2
CNS1.4 x 2.8	Nickel	E260, E254	1
CNS1.4 x 4.5	Black nickel	M1, A1	1
CNS1.7 x 1.5	"	A24, A1	1
CNS1.7 x 2.0	"	B7, B1	3
CNS1.7 x 3.0	"	J203, J201 D6, D11	2 2
CNS1.7 x 3.5	"	J100, M1	2
CNS1.7 x 2.5	"	J501, A1 J612, B1 J605, A1	1 2 2
CNS1.4 x 3.5 (Left)	"	A517, A508	1
CNM1.4 x 1.6	"	D6, D1	2
CNM1.4 x 2.0	"	G100, A1	2

Description	Surface treatment	Position of use	Quantity
CNM1.7 x 2.5	Black nickel	C201, A1	1
		C507, A1	1
		A12, A1	3
		A6, A1	2
		B23, B2	1
		B53, B3	1
CNM1.7 x 3.0	"	J400, A1	2
		A7, A1	2
		D10, A1	3
		A7, A11, A1	2
		E201, C8	1
		B59, B1	4
CNM1.7 x 3.5	"	B1, A1	1
		E272, C6	1
		J501, J201	2
		E211, E240	1
CNM1.7 x 5.0	"	M1, B1	3
CSS1.4 x 1.6	"	A301, A315	3
		A142, A1	3
		A123, A125	3
CSS1.4 x 2.5	"	A124, A1	3
CSS1.4 x 3.0	"	A146, A154	1
CSS1.7 x 2.0	"	A3, A4, A1	2
CSS1.7 x 2.2	Nickel	A2, A5	2
CSS1.7 x 2.5	Black nickel	B47, B1	2
		A507, A1	1
		A202, A1	4
		B48, B1	2
		M10, M1	2
CSS1.7 x 2.8	Nickel	A301, A1	2
CSS1.7 x 3.0	Black nickel	E201, A1	1
CSS1.7 x 3.2	"	A4, A1	2
CSS1.7 x 3.5	"	A15, A1	2
CSS1.7 x 4.0	"	A302, A301	2

Description	Surface treatment	Position of use	Quantity
CSS1.7 x 6.0	Black nickel	A17, A1	2
CSS1.7 x 7.0	"	A302, A301	2
CSS2.0 x 3.0	Nickel	A401, A1	2
		A301, C33	1
CSS1.4 x 1.8	"	E211, E216	2
CSM1.4 x 1.8	Black nickel	E201, E202	3
CSM1.4 x 3.5	"	C301, C302	1
CSM1.7 x 2.5	"	E41, A1	2
CSM1.7 x 3.0	"	E1, A1	2
		E201, A1	1
		H100, A1	2
CSM1.7 x 3.5	"	A15, A1	2
		C46, C10	1
		C46, C9	1
		C23, A1	3
CSM1.7 x 4.0	"	E213, E240	2
CSM2.0 x 3.5	"	A33, A1	2
CNL-B1.4 x 1.4	"	A602, E201	2
CNL-B1.4 x 1.6	"	E202, E217	2
CNL-D1.7 x 2.0	"	C306, C301	1
		C307, C301	2
CNH-E1.7 x 8.0	"	J501, M1	2
CNL-D1.4 x 2.0	"	A516, A501	2
CNO 2.0 x 3.2	"	C227, C206	1
		A101, A1	4
CNS-T1.4 x 5.0	"	M1, B1	1
CNS-T1.7 x 3.0	"	A101, A1	1

Washers:

Description	Material	Thickness	Position of use	Quantity
W1	Steel	0.1mm	C52, C53	1
W2	Phospher-Bronze	0.1, 0.15	B20, B46	1
		0.05	E43, E50	1
W3	"	0.05~0.2	E210, E205	1
			E210, E204	1
		0.2	J100, M1	2
			J201, J501	1
			E272, E274	1
		0.4	J201, J501	1
		0.5	A127	1
		0.7	E210, E205	1
			E210, E204	1
W4	"	0.1	C52, C54	1
W5	"	0.1	A603, A610	1
W6	Steel	0.02, 0.03	B34, B43	1
			E263, E264	1
		0.1~0.2	E34, E41	1
			E14, E31	1
			E31, E32	1
W7	Phospher-bronze	0.7	A501	1
W8	"	0.2	C9, C55	1
W9	Brass	0.4	C205, C209	1
W15	Phospher-bronze	0.05~0.15	B25, B32	1
W17	Steel	0.2	C30, C31	1
			C22, C30	1
W25	Plastic	0.4	C32, C206	1
W27	Phospher-bronze	0.05	E204, E401	1
		0.02~0.05	E278, E279	1
		0.01~0.15	E401, E412	1
W28	Steel	0.4	C211	1
W30	Celluloid	0.4	C229, A401	1
W31	Steel	0.4	E278, A1	1

Description	Material	Thickness	Position of use	Quantity
W44	Phospher-bronze	0.2	C206	1
W50	"	0.4	C225	1
W71	"	0.05∿0.1	E211, E240	1
W79	"	0.03	C32	1

Lock washers:

Description	Position of use	Quantity
LW10	B11	1
LW13	A501, B22, E8, E205, A510, B30, E23, E214, B5, B31, B43, C211, B6, B68, E204	Each 1
LW20	C204	1

Lead wires:

Lead wire No.	Length	Color	Posotion of use	Quantity
1	60mm	Red	J100, J500	1
2	60mm	Blue	J100, J500	1
3	40mm	Yellow	J100, J500	1
4	45mm	Black	J400, A157	1
5	45mm	Yellow	J400, A157	1
6	85mm	Black	A157, J500	1
7	100mm	Yellow	A157, J500	1
8	105mm	Yellow	J300, J500	1
9	90mm	Black	J300, J500	1
10	95mm	Blue	J200, J500	1
11	75mm	Sky blue	J200, J500	1
12	50mm	Black	J200, J500	1
13	40mm	Red	J200, A167	1
14	135mm	Black	J500, 0-A12	1
15	200mm	Red	0-J615, 0-J605	1
16	200mm	Red	0-J615, 0-J605	1
17	90mm	White	0-J605, 0-J612	1
18	70mm	Grey	0-J605, J200	1